

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/652,791C
Source: JFW16
Date Processed by STIC: 11/20/2006

ENTERED



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/652,791C

DATE: 11/20/2006
TIME: 13:54:56

Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
Output Set: N:\CRF4\11202006\J652791C.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
4 McSwiggen, James
5 Chowrira, Bharat
7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet-Derived
8 Endothelial Cell Growth Factor (ECGF1) Gene Expression Using
9 Short Interfering Nucleic Acid (siNA)
11 <130> FILE REFERENCE: 400/126 (MBHB 03-332-B)
13 <140> CURRENT APPLICATION NUMBER: US 10/652,791C
14 <141> CURRENT FILING DATE: 2003-08-29
16 <150> PRIOR APPLICATION NUMBER: US 10/422,704
17 <151> PRIOR FILING DATE: 2003-04-24
19 <150> PRIOR APPLICATION NUMBER: US 10/417,012
20 <151> PRIOR FILING DATE: 2003-04-16
22 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05346
23 <151> PRIOR FILING DATE: 2003-02-20
25 <150> PRIOR APPLICATION NUMBER: PCT/US 03/05028
26 <151> PRIOR FILING DATE: 2003-02-20
28 <150> PRIOR APPLICATION NUMBER: US 60/358,580
29 <151> PRIOR FILING DATE: 2002-02-20
31 <150> PRIOR APPLICATION NUMBER: US 60/363,124
32 <151> PRIOR FILING DATE: 2002-03-11
34 <150> PRIOR APPLICATION NUMBER: US 60/386,782
35 <151> PRIOR FILING DATE: 2002-06-06
37 <150> PRIOR APPLICATION NUMBER: US 60/406,784
38 <151> PRIOR FILING DATE: 2002-08-29
40 <150> PRIOR APPLICATION NUMBER: US 60/408,378
41 <151> PRIOR FILING DATE: 2002-09-05
43 <150> PRIOR APPLICATION NUMBER: US 60/409,293
44 <151> PRIOR FILING DATE: 2002-09-09
46 <150> PRIOR APPLICATION NUMBER: US 60/440,129
47 <151> PRIOR FILING DATE: 2003-01-15
49 <160> NUMBER OF SEQ ID NOS: 225
51 <170> SOFTWARE: PatentIn version 3.2
53 <210> SEQ ID NO: 1
54 <211> LENGTH: 19
55 <212> TYPE: RNA
56 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
61 <400> SEQUENCE: 1
62 cccggccgccc gcaguggac
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 19

(CPG-10)

19

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Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
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67 <212> TYPE: RNA
 68 <213> ORGANISM: Artificial Sequence
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 73 <400> SEQUENCE: 2
 74 ccgcugugcg cgaaccug 19
 77 <210> SEQ ID NO: 3
 78 <211> LENGTH: 19
 79 <212> TYPE: RNA
 80 <213> ORGANISM: Artificial Sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 85 <400> SEQUENCE: 3
 86 gaaccuacg gucccgacc 19
 89 <210> SEQ ID NO: 4
 90 <211> LENGTH: 19
 91 <212> TYPE: RNA
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 97 <400> SEQUENCE: 4
 98 ccgcggcgaa ggccggua 19
 101 <210> SEQ ID NO: 5
 102 <211> LENGTH: 19
 103 <212> TYPE: RNA
 104 <213> ORGANISM: Artificial Sequence
 106 <220> FEATURE:
 107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 109 <400> SEQUENCE: 5
 110 accugggcug ggaucgg 19
 113 <210> SEQ ID NO: 6
 114 <211> LENGTH: 19
 115 <212> TYPE: RNA
 116 <213> ORGANISM: Artificial Sequence
 118 <220> FEATURE:
 119 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 121 <400> SEQUENCE: 6
 122 agcaagcgaa cgaggcag 19
 125 <210> SEQ ID NO: 7
 126 <211> LENGTH: 19
 127 <212> TYPE: RNA
 128 <213> ORGANISM: Artificial Sequence
 130 <220> FEATURE:
 131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 133 <400> SEQUENCE: 7
 134 gcgccuaag caggcccc 19
 137 <210> SEQ ID NO: 8

138 <211> LENGTH: 19
139 <212> TYPE: RNA

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Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
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 143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 149 <210> SEQ ID NO: 9
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 151 <212> TYPE: RNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
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 157 <400> SEQUENCE: 9
 158 ugaccccggg aaccggggc 19
 161 <210> SEQ ID NO: 10
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 163 <212> TYPE: RNA
 164 <213> ORGANISM: Artificial Sequence
 166 <220> FEATURE:
 167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 170 ccccacccgc gccugguga 19
 173 <210> SEQ ID NO: 11
 174 <211> LENGTH: 19
 175 <212> TYPE: RNA
 176 <213> ORGANISM: Artificial Sequence
 178 <220> FEATURE:
 179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 182 acuuucuccgg ggaaggggag 19
 185 <210> SEQ ID NO: 12
 186 <211> LENGTH: 19
 187 <212> TYPE: RNA
 188 <213> ORGANISM: Artificial Sequence
 190 <220> FEATURE:
 191 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 193 <400> SEQUENCE: 12
 194 gccagggacu ucccgaccc 19
 197 <210> SEQ ID NO: 13
 198 <211> LENGTH: 19
 199 <212> TYPE: RNA
 200 <213> ORGANISM: Artificial Sequence
 202 <220> FEATURE:
 203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 205 <400> SEQUENCE: 13
 206 cuucgccaga gcccaagca 19
 209 <210> SEQ ID NO: 14
 210 <211> LENGTH: 19

211 <212> TYPE: RNA
212 <213> ORGANISM: Artificial Sequence

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Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
 Output Set: N:\CRF4\11202006\J652791C.raw

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 222 <211> LENGTH: 19
 223 <212> TYPE: RNA
 224 <213> ORGANISM: Artificial Sequence
 226 <220> FEATURE:
 227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region
 229 <400> SEQUENCE: 15
 230 gcaugaagcg agacggagg 19
 233 <210> SEQ ID NO: 16
 234 <211> LENGTH: 19
 235 <212> TYPE: RNA
 236 <213> ORGANISM: Artificial Sequence
 238 <220> FEATURE:
 239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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 241 <400> SEQUENCE: 16
 242 gccgccugag cgaagcgga 19
 245 <210> SEQ ID NO: 17
 246 <211> LENGTH: 19
 247 <212> TYPE: RNA
 248 <213> ORGANISM: Artificial Sequence
 250 <220> FEATURE:
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 253 <400> SEQUENCE: 17
 254 acaucagggg cuucguggc 19
 257 <210> SEQ ID NO: 18
 258 <211> LENGTH: 19
 259 <212> TYPE: RNA
 260 <213> ORGANISM: Artificial Sequence
 262 <220> FEATURE:
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 266 ccgcuguggu gaaugggag 19
 269 <210> SEQ ID NO: 19
 270 <211> LENGTH: 19
 271 <212> TYPE: RNA
 272 <213> ORGANISM: Artificial Sequence
 274 <220> FEATURE:
 275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region
 277 <400> SEQUENCE: 19
 278 gcgcgccagg cgacacagau 19
 281 <210> SEQ ID NO: 20
 282 <211> LENGTH: 19
 283 <212> TYPE: RNA

284 <213> ORGANISM: Artificial Sequence

286 <220> FEATURE:

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PATENT APPLICATION: US/10/652,791C

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Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
 Output Set: N:\CRF4\11202006\J652791C.raw

287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
 sense region

289 <400> SEQUENCE: 20

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290 ucggggccau gcugauaggc

293 <210> SEQ ID NO: 21

294 <211> LENGTH: 19

295 <212> TYPE: RNA

296 <213> ORGANISM: Artificial Sequence

298 <220> FEATURE:

299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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301 <400> SEQUENCE: 21

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302 ccauccgacu ucggggcau

305 <210> SEQ ID NO: 22

306 <211> LENGTH: 19

307 <212> TYPE: RNA

308 <213> ORGANISM: Artificial Sequence

310 <220> FEATURE:

311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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313 <400> SEQUENCE: 22

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314 uggaucugga ggagaccuc

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318 <211> LENGTH: 19

319 <212> TYPE: RNA

320 <213> ORGANISM: Artificial Sequence

322 <220> FEATURE:

323 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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325 <400> SEQUENCE: 23

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326 cggugcugac ccagggccu

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330 <211> LENGTH: 19

331 <212> TYPE: RNA

332 <213> ORGANISM: Artificial Sequence

334 <220> FEATURE:

335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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337 <400> SEQUENCE: 24

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338 uggcucaguc gggacagca

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342 <211> LENGTH: 19

343 <212> TYPE: RNA

344 <213> ORGANISM: Artificial Sequence

346 <220> FEATURE:

347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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349 <400> SEQUENCE: 25

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350 agcuggagug gccagaggc

353 <210> SEQ ID NO: 26

354 <211> LENGTH: 19

355 <212> TYPE: RNA

356 <213> ORGANISM: Artificial Sequence

358 <220> FEATURE:
359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/20/2006
PATENT APPLICATION: US/10/652,791C TIME: 13:54:57

Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
Output Set: N:\CRF4\11202006\J652791C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:208; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:209; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:210; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:211; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:212; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:213; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:214; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:215; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21

VERIFICATION SUMMARY

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Input Set : N:\efs\10652791c_efs\10652791_REVSeqList.txt
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L:3314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0
L:3346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0
L:3369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0
L:3402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0
L:3435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:3467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0
L:3500 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0
L:3532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0
L:3565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0